INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/016498

A.	CLASSIFICA	TION OF SUBJECT	T MATTER			
	Int.Cl7	C04B35/80,	C04B35/64,	C22C1/10,	C22C47/14,	C22C49/14,
		B22F3/105				

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C04B35/00-35/84, C22C1/00-49/14, B22F1/00-9/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho

1922–1996

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1971–2004

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1994–2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Further documents are listed in the continuation of Box C.

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y .	JP 2003-301048 A (Porima Tekku Kabushiki Kaisha), 21 October, 2003 (21.10.03), Par. Nos. [0005], [0056], [0057] & US 2003/194544 A1 & EP 1352922 A2	1,3,5,7,9-12
Y	JP 10-168502 A (Osaka Gas Co., Ltd.), 23 June, 1998 (23.06.98), Claims 2 to 4; Par. Nos. [0001], [0018] to [0023] (Family: none)	1,3,5,7,9-12
Y	JP 10-88256 A (President of The University of Tokyo), 07 April, 1998 (07.04.98), Claims 1, 2 (Family: none)	1,3,5,7,9-12

Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is	
"O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed	combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 01 December, 2004 (01.12.04)	Date of mailing of the international search report 14 December, 2004 (14.12.04)	
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer	
Facsimile No.	Telephone No.	
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See patent family annex.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/016498

	101/012	.004/016498
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2000-128648 A (Asahi Optical Co., Ltd.), 09 May, 2000 (09.05.00), Par. No. [0025] (Family: none)	1,3,5,7,9-12
Y	JP 8-333165 A (Mitsubishi Materials Corp.), 17 December, 1996 (17.12.96), Par. Nos. [0016] to [0021], [0023] (Family: none)	1,3,5,7,9-12
Y	JP 2002-226268 A (Hitachi Metals, Ltd.), 14 August, 2002 (14.08.02), Par. No. [0007] (Family: none)	9-12
Y A	JP 2003-277871 A (National Institute of Advanced Industrial Science and Technology), 02 October, 2003 (02.10.03), Par. No. [0013] (Family: none)	5,7,9-12 2,4,6,8
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i.		

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